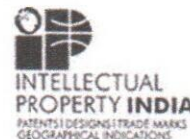




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(57) Abstract :

A network expert and computer who attacks some security systems on behalf of the owner in search of amenability that may be exploited by a hostile hacker is known as an ethical hacker. The Internet's rapid development has led to numerous positive developments, including e-commerce, email, collaborative computing, and new avenues for advertising and information dissemination. Businesses and governments are increasingly concerned about ethical hacking, sometimes referred to as intrusion testing, penetration testing, or red teaming. Companies worry about the possibility of being hacked, and prospective customers worry about maintaining control over personal information. Hackers are categorized based on their knowledge and work. The moral hackers are those who use white hat techniques. Hacking techniques are used by ethical hackers to maintain security. The system has to be protected from hackers from getting damaged. The primary goal of the ethical hacking study is to evaluate the security and provide feedback to the target system's owner. This work offers a concise overview of ethical hacking and all its facets.

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